

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE5014S16D	**Issued**	19. August 2021
MA#	MA003664622		
Package	PG-TDSO-16-2	**Weight***	68.69 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.061	1.54	1.54	15448	15448
chip_2	inorganic material	silicon	7440-21-3	1.061	1.54	1.54	15448	15448
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		95	
	non noble metal	titanium	7440-32-6	0.033	0.05		473	
	non noble metal	chromium	7440-47-3	0.098	0.14		1420	
	non noble metal	copper	7440-50-8	32.380	47.16	47.36	471394	473382
wire	noble metal	gold	7440-57-5	0.131	0.19	0.19	1904	1904
encapsulation	organic material	carbon black	1333-86-4	0.061	0.09		895	
	plastics	epoxy resin	-	3.319	4.83		48311	
	inorganic material	silicondioxide	60676-86-0	27.347	39.81	44.73	398121	447327
leadfinish	non noble metal	tin	7440-31-5	1.198	1.74	1.74	17435	17435
plating	noble metal	silver	7440-22-4	1.680	2.45	2.45	24464	24464
glue	plastics	epoxy resin	-	0.079	0.11		1148	
	plastics	acrylic resin	-	0.079	0.11		1148	
	inorganic material	silicondioxide	60676-86-0	0.158	0.23	0.45	2296	4592
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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